

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	ARTEMISININ-DERIVED TRIOXANE DIMERS
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As the below named inventor(s), I/we declare that:

This declaration is directed to:

☐ The attached application, or

☒ Application No. 10/529,513, filed on March 25, 2005,

☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)	
Inventor one: <u>Gary H. Posner</u>	Date: <u>10/28/05</u>
Signature: <u><i>Gary Posner</i></u>	Citizen of: <u>United States</u>
Inventor two: <u>Theresa A. Shapiro</u>	Date: _____
Signature: _____	Citizen of: <u>United States</u>
Inventor three: <u>Surojit Sur</u>	Date: _____
Signature: _____	Citizen of: <u>India</u>
Inventor four: <u>Tanzina Labonte</u>	Date: _____
Signature: _____	Citizen of: <u>Bangladesh</u>
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on _____ additional form(s) attached hereto.	

JAN 19 2006

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	ARTEMISININ-DERIVED TRIOXANE DIMERS
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FULL NAME OF INVENTOR(S)	
Inventor one: <u>Gary H. Posner</u>	Date: _____
Signature: _____	Citizen of: <u>United States</u>
Inventor two: <u>Theresa A. Shapiro</u>	Date: <u>Jan 11, 2006</u>
Signature: <u>Theresa Shapiro</u>	Citizen of: <u>United States</u>
Inventor three: <u>Surojit Sur</u>	Date: _____
Signature: _____	Citizen of: <u>India</u>
Inventor four: <u>Tanzina Labonte</u>	Date: _____
Signature: _____	Citizen of: <u>Bangladesh</u>
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on _____ additional form(s) attached hereto.	

Atto ey Docket No.: 018890-000610US
Clie. Ref. No.: JHU-1754 US

PTO/SB/D1A (09-04)

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of
Invention

ARTEMISININ-DERIVED TRIOXANE DIMERS

As to below named inventor(s), I/we declare that:

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- ☐ The attached application, or
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FULL NAME OF INVENTOR(S)

Inventor one: Gary H. Posner

Date: _____

Signature: _____

Citizen of: United States

Inventor two: Theresa A. Shapiro

Date: _____

Signature: _____

Citizen of: United States

Inventor three: Surojit Sur

Date: 01/30/2006

Signature: Surojit Sur

Citizen of: India

Inventor four: Tanzina Labonte

Date: _____

Signature: _____

Citizen of: Bangladesh



Additional inventors or a legal representative are being named on _____ additional form(s) attached hereto.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	ARTEMISININ-DERIVED TRIOXANE DIMERS
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This declaration is directed to:

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☒ Application No. 10/529,513, filed on March 25, 2005,
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FULL NAME OF INVENTOR(S)

Inventor one: Gary H. Posner Date: _____
Signature: _____ Citizen of: United States

Inventor two: Theresa A. Shapiro Date: _____
Signature: _____ Citizen of: United States

Inventor three: Surojit Sur Date: _____
Signature: _____ Citizen of: India

Inventor four: Tanzina Labonte Date: 01/18/06
Signature: Tanzina Labonte Citizen of: Bangladesh

☒ Additional inventors or a legal representative are being named on _____ additional form(s) attached hereto.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) –
ADDITIONAL INVENTOR(S)
Supplemental Sheet
(Total of 1 forms are submitted.)**

FULL NAME OF INVENTOR(S)	
Inventor five: <u>Kristina Borstnik</u>	Date: <u>01-24-06</u>
Signature: <u>Kte Bstnik</u>	Citizen of: <u>Slovenia</u>
Inventor six: <u>Ik-Hyeon Paik</u>	Date: _____
Signature: _____	Citizen of: <u>Korea, South</u>
Inventor seven: <u>Andres J. McRiner</u>	Date: _____
Signature: _____	Citizen of: <u>United Kingdom</u>
Inventor eight: _____	Date: _____
Signature: _____	Citizen of: _____

60590595v1

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) –
ADDITIONAL INVENTOR(S)
Supplemental Sheet
(Total of 1 forms are submitted.)**

FULL NAME OF INVENTOR(S)	
Inventor five: <u>Kristina Borstnik</u>	Date: _____
Signature: _____	Citizen of: <u>Slovenia</u>
Inventor six: <u>Ik-Hyeon Paik</u>	Date: <u>Jan 12, 2006</u>
Signature: <u><i>Ik-Hyeon Paik</i></u>	Citizen of: <u>Korea, South</u>
Inventor seven: <u>Andres J. McRiner</u>	Date: _____
Signature: _____	Citizen of: <u>United Kingdom</u>
Inventor eight: _____	Date: _____
Signature: _____	Citizen of: _____

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) –
ADDITIONAL INVENTOR(S)
Supplemental Sheet
(Total of 1 forms are submitted.)**

FULL NAME OF INVENTOR(S)	
Inventor five: <u>Kristina Borstnik</u>	Date: _____
Signature: _____	Citizen of: <u>Slovenia</u>
Inventor six: <u>Ik-Hyeon Paik</u>	Date: _____
Signature: _____	Citizen of: <u>Korea, South</u>
Inventor seven: <u>Andres J. McRiner</u> ^W ASIA _{01/11/06}	Date: <u>01/11/06</u>
Signature: _____	Citizen of: <u>United Kingdom</u>
Inventor eight: _____	Date: _____
Signature: _____	Citizen of: _____

1754

#3

PTO/SB/81 (04-05)

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number	10/529,513
	Filed	March 25, 2005
	First Named Inventor	Posner, Gary H.
	Title	ARTEMISININ-DERIVED TRIOXANE DIMERS
	Art Unit	
	Examiner Name	
	Attorney Docket Number	018890-000610US

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

20350

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

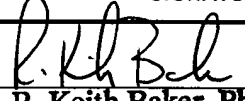
<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Signature		Date	10/25/05
Name	R. Keith Baker, Ph.D.	Telephone	410-516-4563
Title and Company	Sr. Director Johns Hopkins Technology Transfer		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Gary H. Posner, et al.Application No./Patent No.: 10/529,513 Filed/Issue Date: March 25, 2005Entitled: ARTEMISININ-DERIVED TRIOXANE DIMERSJohns Hopkins University, a university
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

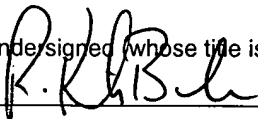
1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

10/25/05

Date

R. Keith Baker, Ph.D.Sr. Director

Printed or Typed Name

Johns Hopkins Technology Transfer410-516-4563

Telephone Number

Title

Not For Recordation

Attorney Docket No.: 018890-000610US

Client Reference No.: JHU-1754 US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Gary H. Posner of 3216 Timberfield Lane, Baltimore, MD 21208; Theresa A. Shapiro of 1017 Hart Road, Towson, MD 21286; Surojit Sur of 116 W. University Parkway, Apt. 1213, Baltimore, MD 21210; Tanzina Labonte of 3100 St. Paul Street, Apt. 415, Baltimore, MD 21218; Kristina Borstnik of ~~3811~~ 921 Southgate D ^{KB 01-16-06} Canterbury Road, Apt. 711, Baltimore, MD ~~21218~~ 21218; Ik-Hyeon Paik of 18 Kings Crossing Court, Apt. J, Baltimore, MD 21030; and Andres J. McRiner of 110 W. 39th Street, Apt. 1605, Baltimore, MD 21210, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent: ^{State College, PA 16801}

Title of Invention: ARTEMISININ-DERIVED TRIOXANE DIMERS

Date(s) of execution of Declaration:

Filed: March 25, 2005

Application No.: 10/529,513; and

WHEREAS, Johns Hopkins University, located at Licensing & Technology Development, 100 North Charles Street, 5th Floor, Baltimore, MD 21201; hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 10/27/05

Gary H. Posner
Gary H. Posner

STATE OF Maryland)
COUNTY OF Baltimore)

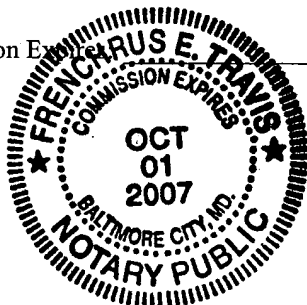
ss.

On October 27, 2005, before me, _____,
personally appeared Gary H. Posner, personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me
that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]
NOTARY PUBLIC

My Commission Expires



Dated: Jan 11, 2006

Theresa A. Shapiro
Theresa A. Shapiro

STATE OF Maryland)
COUNTY OF Baltimore City)

ss.

On January 11, 2006, before me, Willie Mae McCrae,
personally appeared Theresa A. Shapiro, personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and
acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on
the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Willie Mae McCrae
NOTARY PUBLIC

My Commission Expires: 8/1/2006

1 signment
1 torney Docket No.: 018890-000610US
1 ge 4

dated: 01/30/2006

Surojit Sur

STATE OF MARYLAND)
COUNTY OF BALTIMORE)

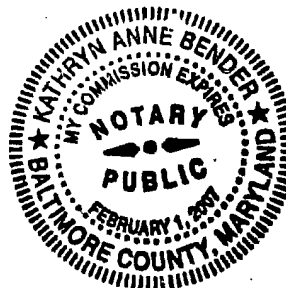
33.

On January 30, 2006, before me, Surojit Sur, personally appeared Surojit Sur, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Kathryn Anne Birch
NOTARY PUBLIC

My Commission Expires: 2/1/07



Dated: January 13, 2006

Kristina Borstnik

Kristina Borstnik

STATE OF Pa)
COUNTY OF Centre)

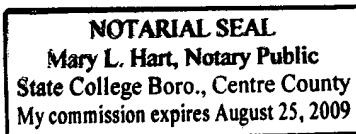
ss.

On January 13, 2006 before me, _____,
personally appeared Kristina Borstnik, personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me
that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the
person, or the entity upon behalf of which the person acted, executed the instrument.

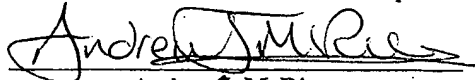
WITNESS my hand and official seal.

Mary L. Hart
NOTARY PUBLIC

My Commission Expires: _____





Dated: 01/11/06


Andrew J. McRiner


STATE OF)
COUNTY OF)

ss.

w  01/11/06

On January 11, 2006 w  01/11/06, before me, JENNIFER S. CLARK, personally appeared Andrew J. McRiner, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


NOTARY PUBLIC

My Commission Expires: May 18, 2012

Dated: Jan. 12, 2006

Ik-Hyeon Paik
Ik-Hyeon Paik

STATE OF Maryland)
COUNTY OF Baltimore) ss.

On Jan. 12, 2006, before me, Alan Muller,
personally appeared Ik-Hyeon Paik, personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me
that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the
person, or the entity upon behalf of which the person acted, executed the instrument.

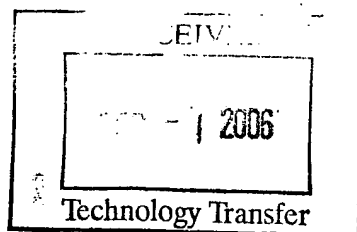
WITNESS my hand and official seal.

Alan Muller
NOTARY PUBLIC

My Commission Expires: 2/2010

Note: Tina; Andy's name is spelled wrong everywhere.
It should be Andrew, not Andres.

- Tanzina
01/18/06



Attorney Docket No.: 018890-000610US
Client Reference No.: JHU-1754 US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Gary H. Posner of 3216 Timberfield Lane, Baltimore, MD 21208; Theresa A. Shapiro of 1017 Hart Road, Towson, MD 21286; Surojit Sur of 116 W. University Parkway, Apt. 1213, Baltimore, MD 21210; Tanzina Labonte of 3100 St. Paul Street, Apt. 415, Baltimore, MD 21218; Kristina Borstnik of 3811 Canterbury Road, Apt. 711, Baltimore, MD 21218; Ik-Hyeon Paik of 18 Kings Crossing Court, Apt. J, Baltimore, MD 21030; and Andres J. McRiner of 110 W. 39th Street, Apt. 1605, Baltimore, MD 21210, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: ARTEMISININ-DERIVED TRIOXANE DIMERS

Date(s) of execution of Declaration:

Filed: March 25, 2005

Application No.: 10/529,513; and

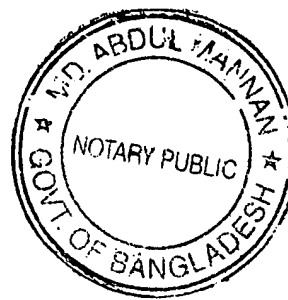
WHEREAS, Johns Hopkins University, located at Licensing & Technology Development, 100 North Charles Street, 5th Floor, Baltimore, MD 21201, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Assignment
Attorney Docket No.: 018890-000610US
Page 5



Dated: 01/18/06

Tanzina Labonte
Tanzina Labonte

STATE OF Bangladesh)
COUNTY OF Dhaka) ss.

On 18th Jan. 2006, before me, Md. Abdul Mannan,
personally appeared Tanzina Labonte, personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me
that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

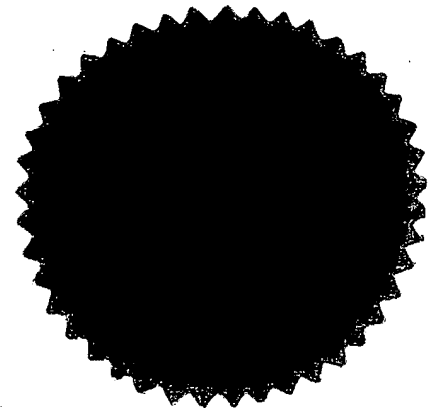
Md. Mannan

18 JAN 2006

NOTARY PUBLIC

My Commission Expires: 13 SEP 2006

MD. ABDUL MANNAN
Advocate, Supreme Court &
Notary Public
Govt. of Bangladesh
21/9, Rankin Street, Wari, Dhaka
Ph: Res-7119924



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